

**Notice of Allowability**

Application No.

10/525,439

Applicant(s)

MEHTA ET AL.

Examiner

Art Unit

Jason M. Nolan, Ph.D.

1626

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 03/02/2007.
2. ☒ The allowed claim(s) is/are 1-10, 15, 17-19, 21, 22, 24, 25, 27-29, 31, 32, 34, 35, 51 and 53 (now 1-27).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

### **DETAILED ACTION**

**Claims 1-10, 15, 17-19, 21, 22, 24, 25, 27-29, 31, 32, 34, 35, 51 & 53** are pending in the instant application; of which **Claims 1-4, 7-10, 15, 17 & 27** are currently amended. **Claims 11-14, 16, 20, 23, 26, 30, 33, 36-50, 52 & 54** are canceled.

### ***Response to Amendment***

Applicant's amendments, see Amendment – After Non-Final Rejection, filed 03/02/2007, with respect to **Claims 1-4, 7-10, 15, 17 & 27** have been fully considered and are entered. The 112-rejections of Office Action: Non-Final Rejection; 12/06/2006, have been withdrawn per amendment.

### ***Statement of Reasons for Allowance***

The present invention pertains to the 3-azabicyclo[3.1.0]hexane derivatives according to formula I and methods of using these compounds for the treatment of muscarinic receptor related disorders. The compounds according to formula I are free of the prior art; nothing known in the art anticipates or renders the compounds of the instant application obvious. The closest prior art includes compounds according to the formula in US Patent 7,049,444 by Banks *et al.* in which an aryl moiety is attached directly to the 3-azabicyclo[3.1.0]hexane core. In the instant case, the aryl ring is separated by a carbon chain interrupted by heteroatoms and a carbonyl group from the 3-azabicyclo[3.1.0]hexane core, distinguishing the invention from the prior art.

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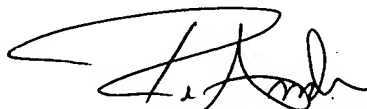
One skilled in the art would be enabled to make and use the compounds taught herein for the treatment of muscarinic receptor related disorders (such as those listed in Claim 7) using the teachings of the Specification in conjunction with the teachings in the prior art.

### ***Telephone Inquiry***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Jason M. Nolan, Ph.D.** whose telephone number is **(571) 272-4356** and electronic mail is **[Jason.Nolan@uspto.gov](mailto:Jason.Nolan@uspto.gov)**. The examiner can normally be reached on Mon - Fri (9:00 - 5:30PM). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Joseph M<sup>c</sup>Kane** can be reached on **(571) 272-0699**. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jason M. Nolan, Ph.D.  
Examiner  
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REBECCA ANDERSON  
PATENT EXAMINER



Joseph K. M<sup>c</sup>Kane  
Supervisory Patent Examiner  
Art Unit 1626  
Date: June 16, 2007